

IN THE CLAIMS

1. (Currently Amended) An image display device, comprising an envelope whose inside is maintained in a reduced pressure atmosphere, the envelope comprising:

an envelope having a first substrate made of glass[[,]];

a second substrate opposed to the first substrate; and

a frame made of glass interposed between the first substrate and the second substrate, the frame having an encompassing shape; wherein the envelope is assembled using the first substrate, the second substrate and the frame, an inside of the envelope being maintained in reduced pressure atmosphere; and

a metal film whose shape is the encompassing shape; and

a low melting point metal which is positioned at a part of a face of the first substrate opposite the frame, wherein the low melting point metal is positioned between the first substrate and the frame and along the encompassing shape, and wherein the low melting point metal is brought into contact with the first substrate and the metal film so as to make seal bonding of the first substrate and the frame.

a plurality of electron-emitting devices and an illuminant disposed within the envelope, the illuminant emitting light in response to irradiation of the electrons emitted from the electron-emitting devices,

wherein the first substrate and the frame comprise glass and are bonded to each other using a low melting point metal, and

wherein the first substrate has a first region and a second region which are brought into contact with the low melting point metal, and in the first region, a material capable of maintaining greater airtightness with the low melting point metal than the second region is in contact with the low melting point metal, while in the second region, a material having a stronger binding power on the low melting point metal than the first region is in contact with the low melting point metal.

2. (Currently Amended) An image display device, comprising an envelope whose inside is maintained in a reduced pressure atmosphere, the envelope comprising:

a first substrate made of glass and a second substrate opposed to the first substrate;

a frame made of glass interposed between the first substrate and the second substrate, the frame having an encompassing shape;

a metal film whose shape is the encompassing shape; and

a low melting point metal which is positioned at a part of a face of the frame opposite to the first substrate, wherein the low melting point metal is positioned between the first substrate and the frame and along the encompassing shape and wherein the melting point metal is brought into contact with the first substrate and the metal film so as to make seal bonding of the first substrate and the frame.

~~an envelope having a first substrate, a second substrate opposed to the first substrate and a frame interposed between the first substrate and the second substrate, wherein the envelope is assembled using the first substrate, the second substrate and the frame, an inside of the envelope being maintained in reduced pressure atmosphere, and a plurality of electron-emitting devices and an illuminant disposed within the envelope, the illuminant emitting light in response to irradiation of electrons emitted from the electron-emitting devices,~~

~~wherein the first substrate and the frame comprise glass and are bonded to each other using a low melting point, and~~

~~wherein the frame has a first region and a second region which are brought into contact with the low melting point metal, and in the first region, a material capable of maintaining greater airtightness with the low melting point metal than the second region is in contact with the low melting point metal, while in the second region, a material having a stronger binding power on the low melting point metal than the first region is in contact with the low melting point metal.~~

3. - 6. (Canceled)

7. (Currently Amended) A television display device, comprising:
[[an]] ~~the~~ image display device having the envelope according to claim 1,
and a display element placed in the envelope,

wherein the image display device receives a television signal.

8. (Currently Amended) A television display device, comprising:

[[an]] the image display device ~~having the envelope~~ according to claim 2
and a display element placed in the envelope,

wherein the image display device receives a television signal.

9. (Previously Presented) The image display device according to claim 1,
wherein a vacuum level in the envelope is kept at 1×10^{-3} to 1×10^{-5} Pa.

10. (Previously Presented) The image display device according to claim 2,
wherein a vacuum level in the envelope is kept at 1×10^{-3} to 1×10^{-5} Pa.